BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Byatarayanapura Division

Kodigehalli Sub divisoin

Name of the Work : **Detailed Estimate for the Work of Construction of Govt. School Buildings at Byatarayanapura in Ward No. 7 Kodigehalli sub Division.**

Estimated Cost : **19.80 Lakhs**

	Basic Rate	3101.00							
	Add Diffrence in cost of cement 3.40x40.00=	136.00							
		3237.00							
	Area Weightage @ 6%	194.22							
	Total	3431.22							
5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation **cement mortar 1:6**, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification. KBS 5.1.13 (P.22/5.6)	**Cum**							
	CCL 1st Footing		1	62.00	0.75	0.35	16.28		
	2nd Footing		1	62.00	0.60	0.45	16.74		
	Deductions for Columns Portions(-) Columns		13	1.20	0.75	0.35	4.10		
			13	0.45	0.23	0.45	0.61		
							28.31	2548.24	72141.00
	Basic Rate	2348.00							
	Add Diffrence in cost of cement 1.40x40.00=	56.00							
		2404.00							
	Area Weightage @ 6%	144.24							
	Total	2548.24							
6	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P.22/5.90)	**Cum**							
	CCL Basement		1	62.00	0.45	0.45	12.56		
	Deductions for Columns Portions(-) Columns		13	0.45	0.23	0.45	0.61		
							11.95	2548.24	**30451.00**
	Basic Rate	2348.00							
	Add Diffrence in cost of cement 1.40x40.00=	56.00							
		2404.00							
	Area Weightage @ 6%	144.24							
	Total	2548.24							
7	KSRB 4-1.5: Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not excedding 15cms. Thick well compacted in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specification.(P12/4.5)	**Cum**							
	Coping Concrete		1	62.00	0.45	0.10	2.79		
	Deductions for Columns Portions(-) Columns		13	0.45	0.23	0.10	0.13		
							2.66	4578.14	**12178.00**
	Basic Rate	4063.00							
	Add Diffrence in cost of cement 6.40x40.00=	256.00							
		4319.00							
	Area Weightage @ 6%	259.14							
	Total	**4578.14**							
8	KSRB 15.1.1 Providing flush pointing to coursed stone masonry with **cement mortar 1:3,** 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.122/I.15.3)	**Sqm**							
	Outside		1	11.60		0.45	5.22		
			1	9.80		0.45	4.41		
			2	7.20		0.45	6.48		
			1	4.25		0.45	1.91		

			1	2.70		0.45	1.22		
							16.11	66.04	1064.00
	Basic Rate	61.50							
	Add Diffrence in cost of cement 0.02x40.00=	0.80							
		62.30							
	Area Weightage @ 6%	3.74							
	Total	66.04							
9	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (P.6/2.10 PWD SR - 2010-11).	Cum							
			Qty vide item No.2				66.34	85.65	5682.00
	Basic Rate	80.80							
	Area Weightage @ 6%	4.85							
	Total	85.65							
10	KSRB 2.6: Privіding and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications. (P6/2.13)	Cum							
	Rooms		2	6.00	4.50	0.30	16.20		
	Stair Case		1	4.50	3.00	0.30	4.05		
	Varandah		1	3.80	1.65	0.30	1.88		
			1	2.65	1.65	0.30	1.31		
							23.44	1081.20	25346.3013
	Basic Rate	1020.00							
	Area Weightage @ 6%	61.20							
	Total	1081.20							
11	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of materials, labour complete as per specifications. (P14/4.28)	Sqm							
	Footings		13x4	1.20		0.50	31.20		
							31.20	156.88	4894.656
	Basic Rate	148.00							
	Area Weightage @ 6%	8.88							
	Total	156.88							
12	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/polygon in plan including cost of all materials, labour complete as per specifications. (P15/4.32)	Sqm							
	A) Ground Floor:- Columns		13	1.35		3.85	67.57		
							67.57	243.80	16472.9565
	Basic Rate	230.00							
	Area Weightage @ 6%	13.80							
	Total	243.80							
	B) First Floor:- Columns		13	1.35		2.70	47.39	246.98	11703.1473
	Basic Rate	230.00							
	Lift Charges For First Floor	3.00							
		233.00							
	Area Weightage @ 6%	13.98							
	Total	246.98							

13	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specifications. (P15/4.36)	Sqm								
	Plinth		2	62.00		0.30	37.20			
							37.20	491.84	18296.448	
	Basic Rate	464.00								
	Area Weightage @ 6%	27.84								
	Total	**491.84**								
14	KSRB 4-6.7: Providing and removing centerign, shuttering strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of materials, labour complete as per specifications.(P15/4.34)									
	A) Ground Floor:- Lintel		2	62.00		0.20	24.80			
	Tie Beams		2	62.00		0.30	37.20			
	Center Beams		2	4.60		1.05	9.66			
							71.66	169.60	12153.536	
	Basic Rate	160.00								
	Area Weightage @ 6%	9.60								
	Total	**169.60**								
	B) First Floor:- Lintel		2	62.00		0.20	24.80			
	Tie Beams		2	62.00		0.30	37.20			
	Center Beams		2	4.60		1.05	9.66			
							71.66	172.78	12381.4148	
	Basic Rate	160.00								
	Lift Charges For First Floor	3.00								
		163.00								
	Area Weightage @ 6%	9.78								
	Total	172.78								
15	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.15/I.4.37)	Sqm								
	A) Ground Floor:- W		4	1.50	0.45		2.70			
							2.70	182.32	492.264	
	Basic Rate	172.00								
	Area Weightage @ 6%	10.32								
	Total	182.32								
	B) First Floor:- W		4	1.50	0.45		2.70			
							2.70	185.50	**500.85**	
	Basic Rate	172.00								
	Lift Charges For First Floor	3.00								
		175.00								
	Area Weightage @ 6%	10.50								
	Total	**185.50**								
16	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.14/I.4.29)	Sqm								
	A) Ground Floor:- Roof		1	9.80	7.15		**70.07**			
			1	7.15	4.25		**30.39**			
	Landing		1	3.00	1.50		**4.50**			
	First Flight		1	3.90	1.50		**5.85**			

	Second Flight		1	3.20	1.50		4.80		
							115.61	233.20	26960.252
	Basic Rate	220.00							
	Area Weightage @ 6%	13.20							
	Total	233.20							
	B) First Floor:- Roof		1	9.80	7.15		70.07		
			1	7.15	4.25		30.39		
	Landing		1	3.00	1.50		4.50		
	First Flight		1	3.90	1.50		5.85		
	Second Flight		1	3.20	1.50		4.80		
							115.61	236.38	27327.8918
	Basic Rate	220.00							
	Lift Charges For First Floor	3.00							
		223.00							
	Area Weightage @ 6%	13.38							
	Total	236.38							
17	KSRB 4.2.8 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.17)	Cum							
	A) Ground Floor:- Footing Concrete		13	1.20	1.20	0.50	9.36		
	Columns		13	0.45	0.23	4.15	5.58		
	Plinth		1	62.00	0.23	0.30	4.28		
	Lintel		1	62.00	0.23	0.20	2.85		
	Tie Beams		1	62.00	0.23	0.30	4.28		
			2	4.60	0.23	0.40	0.85		
	Roof		1	9.80	7.15	0.15	10.51		
			1	7.15	4.00	0.15	4.29		
	Staire Case Foundation		1	1.50	0.60	0.60	0.54		
	Landing Slab		1	3.45	1.75	0.15	0.91		
	1st Flight		1	3.90	1.50	0.15	0.88		
	2nd Flight		1	3.20	1.50	0.15	0.72		
	Steps		22x1/2	1.50	0.30	0.15	0.74		
							45.78		
	Deductions (-)								
	Plinth		13	0.45	0.23	0.30	0.40		
	Lintel		13	0.45	0.23	0.20	0.27		
							45.11	5150.54	232340.86
	Basic Rate	4539.00							
	Add Diffrence in cost of cement 8.00x40.00=	320.00							
		4859.00							
	Area Weightage @ 6%	291.54							
	Total	5150.54							
	B) First Floor:- Columns		13	0.45	0.23	3.00	4.04		
	Lintel		1	62.00	0.23	0.20	2.85		
	Tie Beams		1	62.00	0.23	0.30	4.28		
	Center Beams		2	4.60	0.23	0.40	0.85		
	Roof		1	9.80	7.15	0.15	10.51		
			1	7.15	4.00	0.15	4.29		
	Landing Slab		1	1.50	0.60	0.60	0.54		
	First Flight		1	3.45	1.75	0.15	0.91		
	Second Flight		1	3.90	1.50	0.15	0.88		
	Steps		1	3.20	1.50	0.15	0.72		
			22x1/2	1.50	0.30	0.15	0.74		
							30.60		
	Deductions (-)								
	Lintel		13	0.45	0.23	0.20	0.27		

	Tie Beam		13	0.45	0.23	0.30	0.40		
							29.93	5203.54	155741.95
	Basic Rate	4539.00							
	Add Diffrence in cost of cement 8.00x40.00=	320.00							
	Lift Charges For First Floor	50.00							
		4909.00							
	Area Weightage @ 6%	294.54							
	Total	**5203.54**							
18	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 (M20) with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P. 13/4.19 PWD SR - 2010-11).	Sqm							
	A) Ground Floor:- Windows		4	1.50	0.45		2.70		
							2.70	389.23	**1051.00**
	Basic Rate	348.00							
	Add Diffrence in cost of cement 0.48x40.00=	19.20							
		367.20							
	Area Weightage @ 6%	22.03							
	Total	**389.23**							
	B) First Floor:- Windows		4	1.50	0.45		2.70		
							2.70	392.41	**1060.00**
	Basic Rate	348.00							
	Add Diffrence in cost of cement 0.48x40.00=	19.20							
	Lift Charges For First Floor	3.00							
		370.20							
	Area Weightage @ 6%	22.21							
	Total	**392.41**							
19	Providing and fabricating TMT Steel reinforcement bars including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tieing with binding wire, anchoring to the adjoining members wherever necessary, as per designs (laps, hooks and wastages shall not be measured and paid) including cost of all materials, labour, HOM of machineries complete as per specifications. (P16\4.46)	Qntl							
		Qty Vide Item No 17 & 18					75.44		
							75.44	5108.14	**385358.00**
	Basic Rate	5406.00							
	Area Weightage @ 6%	324.36							
	Total	**5730.36**							
20	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P24/5.27)	Cum							
	A) Ground Floor:-								
	Long Walls		2	9.80	..	3.00	58.80		
			2	6.35	...	3.00	38.10		
	Short Walls		4	4.60	...	3.00	55.20		
			2	1.85	...	0.90	3.33		

			1	4.25		0.90	3.83			
			1	2.65		0.90	2.39			
	Pillars		4x2	0.20		3.00	4.80			
	Plotforms		2	3.00		0.30	1.80			
			2x2	1.00		0.30	1.20			
	B) First Floor:-									
	Long Walls		2	9.80		3.00	58.80			
			2	6.35		3.00	38.10			
	Short Walls		4	4.60		3.00	55.20			
			2	1.85		1.80	6.66			
			1	4.25		1.80	7.65			
			1	2.65		1.80	4.77			
	Pillars		4x2	0.20		3.00	4.80			
	Plotforms		2	3.00		0.30	1.80			
			2x2	1.00		0.30	1.20			
	Parapet		1	41.62		0.60	24.97			
							373.39			
	Ground Floor Deductions (-)									
	Door		2	0.90		2.10	3.78			
	Window		5	0.90		1.20	5.40			
	CG		1	3.00		2.10	6.30			
	V		1	2.40		0.60	1.44			
	Lintel		1	62.00		0.20	12.40			
	Tie Beam		1	62.00		0.30	18.60			
	Columns		13	0.23		3.00	8.97			
	First Floor Deductions (-)									
	Door		2	0.90		2.10	3.78			
	Window		5	0.90		1.20	5.40			
	CG		1	3.00		2.10	6.30			
	V		1	2.40		0.60	1.44			
	Lintel		1	62.00		0.20	12.40			
	Tie Beam		1	62.00		0.30	18.60			
	Columns		13	0.23		3.00	8.97			
							259.61	627.52	162910.00	
	Basic Rate	586.00								
	Add Diffrence in cost of cement 0.15x40.00=	6.00								
		592.00								
	Area Weightage @ 6%	35.52								
	Total	627.52								
21	KSRRB 2900-4.1: Providing and laying in position plain cement concrete mix 1:3:6 with stone aggregate 40mm and down size in foundation upto a depth of 2m below ground level and upto a height of 1.5m above ground level / bed level machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, cost of all materials, labour, HOM of machineries, curing complete as per specifications. (P.12/4.2)	Cum								
	For Flooring Rooms		2	6.00	4.50	0.15	8.10			
	Stair Case		1	4.50	3.00	0.15	2.03			
	Varandah		1	4.75	1.60	0.15	1.14			
			1	4.20	1.60	0.15	1.01			
	Plotforms		4	3.00	1.20	0.15	2.16			
							9.21	3769.36	34716.00	
	Basic Rate	3380.00								
	Add Diffrence in cost of cement 4.40x40.00=	176.00								
		3556.00								
	Area Weightage @ 6%	213.36								
	Total	3769.36								

22	KSRB 14.10-1: Flooring with **25mm to 40mm thick polished tandur blue stone slabs** using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, , including cost of materials, labour, curing, polishing complete as per specifications. (P.89/14.15)	Sqm							
	A) Ground Floor:- Rooms		2	6.10	4.60		56.12		
	Skirting		2X2	6.10		0.10	2.44		
	Skirting		2X2	4.60		0.10	1.84		
	Stair Case		1	3.00	4.60		13.80		
	Skirting		2	3.00		0.10	0.60		
	Skirting		2	4.60		0.10	0.92		
	Varandah		1	6.35	2.10		13.34		
	Varandah		1	2.65	2.10		5.57		
	Skirting		1	6.35		0.10	0.64		
	Skirting		1	4.75		0.10	0.48		
	Landing		1	3.00	1.50		4.50		
	Skirting		1	3.00		0.10	0.30		
	Skirting		2	1.50		0.10	0.30		
	Steps Threads		22	1.50	0.25		8.25		
	Raisers		22	1.50	0.15		4.95		
	Skirting		2	3.90		0.10	0.78		
	Skirting		2	3.20		0.10	0.64		
							115.45	753.24	86961.00
	Basic Rate	703.00							
	Add Diffrence in cost of cement 0.19x40.00=	7.60							
		710.60							
	Area Weightage @ 6%	42.64							
	Total	**753.24**							
	B) First Floor:- Rooms		2	6.10	4.60		56.12		
	Skirting		2X2	6.10		0.10	2.44		
	Skirting		2X2	4.60		0.10	1.84		
	Stair Case		1	3.00	4.60		13.80		
	Skirting		2	3.00		0.10	0.60		
	Skirting		2	4.60		0.10	0.92		
	Varandah		1	6.35	2.10		13.34		
	Varandah		1	2.65	2.10		5.57		
	Skirting		1	6.35		0.10	0.64		
	Skirting		1	4.75		0.10	0.48		
	Skirting		2	1.85		0.10	0.37		
	Skirting		1	4.00		0.10	0.40		
	Skirting		1	2.65		0.10	0.27		
	Landing		1	3.00	1.50		4.50		
	Skirting		1	3.00		0.10	0.30		
	Skirting		2	1.50		0.10	0.30		
	Steps Threads		22	1.50	0.25		8.25		
	Raisers		22	1.50	0.15		4.95		
	Skirting		2	3.90		0.10	0.78		
	Skirting		2	3.20		0.10	0.64		
							116.49	754.83	87926.00
	Basic Rate	703.00							
	Add Diffrence in cost of cement 0.19x40.00=	7.60							
	Lift Charges For First Floor	1.50							
		712.10							
	Area Weightage @ 6%	42.73							
	Total	**754.83**							

23	Supplying and fixing pressed steel door frames size 125x65mm manufactured from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made our of seasoned Honne wood, styles of 30mm, thick with lock rail of 160mm, width, top and side rails of 100mm. width and bottom rails of 250mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manugactureing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipement and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4.(P38/7.26)	Sqm								
	A) Ground Floor:- Doors		2	0.90		2.10	3.78		
							3.78	3286.00	12421.00
	Basic Rate	3100.00							
	Area Weightage @ 6%	186.00							
	Total	3286.00							
	B) First Floor:- Doors		2	0.90		2.10	3.78		
							3.78	3288.65	12431.00
	Basic Rate	3100.00							
	Lift Charges For First Floor	2.50							
		3102.50							
	Area Weightage @ 6%	186.15							
	Total	3288.65							
24	KSRB 7.7: Providing and fixing in position in cement concrete 1:3:6 steel galzed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Jg/m duly providing T section 19x19x3mm weighing 0.839Kg/m for glazing of windows not more than 34cms. c to c including providing and fixing 4mm. thick reeded glass to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. (P31/7.7)	Sqm								
	A) Ground Floor:- Windows		5	0.90		1.20	5.40		
	Ventilators		1	2.40		0.60	1.44		
							6.84	2832.32	19373.00
	Basic Rate	2672.00							
	Area Weightage @ 6%	160.32							
	Total	2832.32							
	B) First Floor:- Windows		5	0.90		1.20	5.40		
	Ventilators		1	2.40		0.60	1.44		

Door 3×7=2
Door 3×7=2
Window 3×4=10
2×7½=2
Ved 2×7½

							6.84	2834.97	19391.00
	Basic Rate	2672.00							
	Lift Charges For First Floor	2.50							
		2674.50							
	Area Weightage @ 6%	160.47							
	Total	**2834.97**							
25	KSRB 7.1: Providing and fixing in position collapsable steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stopers, handles on borht sides with 7.5cms opeinings at 10cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications.(P30/7.1)	Sqm								
	A) Ground Floor:- CG		1	3.00		2.10	6.30		
							6.30	3265.86	**20575.00**
	Basic Rate	3081.00							
	Area Weightage @ 6%	184.86							
	Total	**3265.86**							
26	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with **cement mortar 1:4**, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.98/15.22)	Sqm								
	A) Ground Floor:- Rooms		2	6.10	4.60		56.12		
	Center Beams		2x2	4.60	0.40		7.36		
	Stair Case Room		1	4.60	3.00		13.80		
	Varandah		1	4.75	2.10		9.98		
	Varandah		1	4.25	2.10		8.93		
							96.18	125.93	**12112.00**
	Basic Rate	110.00							
	Add Diffrence in cost of cement 0.22x40.00=	8.80							
		118.80							
	Area Weightage @ 6%	7.13							
	Total	**125.93**							
	B) First Floor:- Rooms		2	6.10	4.60		56.12		
	Center Beams		2x2	4.60	0.40		7.36		
	Stair Case Room		2	4.60	3.00		27.60		
	Varandah		1	4.75	2.10		9.98		
	Varandah		1	4.25	2.10		8.93		
							109.98	129.11	**14199.00**
	Basic Rate	110.00							
	Add Diffrence in cost of cement 0.22x40.00=	8.80							
	Lift Charges For First Floor	3.00							
		121.80							
	Area Weightage @ 6%	7.31							
	Total	**129.11**							
27	KSRB15-3.5 : Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.97/15.14)	Sqm								
	A) Ground Floor:- Long walls		2x2	6.10	3.00		73.20		
	Shortwalls		2x3	4.60	3.00		82.80		
	Shortwalls		1x2	3.00	3.00		18.00		
	Pillars		4x2	0.23	3.00		5.52		

	Varandah		1	6.35	3.00	19.05		
			1	4.75	3.00	14.25		
			2	1.85	0.90	3.33		
			1	4.00	0.90	3.60		
			1	2.65	0.90	2.39		
						222.14		
	Deductions (-):- CG		1x2	3.00	2.10	12.60		
	D		2	0.90	2.10	3.78		
	W		5	0.90	1.20	5.40		
	V		1	2.40	0.60	1.44		
						198.92	117.45	23363.00
	Basic Rate	102.00						
	Add Diffrence in cost of cement 0.22x40.00=	8.80						
		110.80						
	Area Weightage @ 6%	6.65						
	Total	117.45						
	B) First Floor:- Long walls		2x2	6.10	3.00	73.20		
	Shortwalls		2x3	4.60	3.00	82.80		
	Shortwalls		1x2	3.00	3.00	18.00		
	Pillars		4x2	0.23	3.00	5.52		
	Varandah		1	6.35	3.00	19.05		
			1	4.75	3.00	14.25		
			2	1.85	1.80	6.66		
			1	4.00	1.80	7.20		
			1	2.65	1.80	4.77		
						231.45		
	Deductions (-):- CG		1x2	3.00	2.10	12.60		
	D		2	0.90	2.10	3.78		
	W		5	0.90	1.20	5.40		
	V		1	2.40	0.60	1.44		
						208.23	120.63	25118.00
	Basic Rate	102.00						
	Add Diffrence in cost of cement 0.22x40.00=	8.80						
	Lift Charges For First Floor	3.00						
		113.80						
	Area Weightage @ 6%	6.83						
	Total	120.63						
28	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P.99/15.33)	Sqm						
	A) Ground Floor	Qty Vide Item No. 26(A) + 27(A)				295.10	16.96	5005.00
	Basic Rate	16.00						
	Area Weightage @ 6%	0.96						
	Total	16.96						
	B) First Floor	Qty Vide Item No. 26(B) + 27(B)				318.21	20.14	6409.00
	Basic Rate	16.00						
	Lift Charges For First Floor	3.00						
		19.00						
	Area Weightage @ 6%	1.14						
	Total	20.14						
29	Providing wall black boards in CM 1:3 with two coats of black paint including finishing etc. complete. (P234/37.30)	Sqm						
			4	3.00	1.20	14.40		
			4	0.90	1.20	4.32		
						18.72	551.20	10318.00
	Basic Rate	520.00						
	Area Weightage @ 6%	31.20						
	Total	551.20						

33	KSRB 15-14.1: Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.(P101/15.49)	Sqm				
	A) Ground Floor		Qty vide item No 28(A)		295.10	51.94	15327.00
	Basic Rate	49.00					
	Area Weightage @ 6%	2.94					
	Total	51.94					
	B) First Floor		Qty vide item No 28(B)		318.21	53.00	16865.00
	Basic Rate	49.00					
	Lift Charges For First Floor	1.00					
		50.00					
	Area Weightage @ 6%	3.00					
	Total	53.00					
34	KSRB 15-13.3: Providing and applying two coats dry distemper of approved brand, and shade on wall surface including priming coat and whitening after thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. (P.100/15.47.1)	Sqm				
	A) Ground Floor		Qty vide Item No. 31(A)		110.80	36.48	4040.00
	Basic Rate	34.40					
	Area Weightage @ 6%	2.06					
	Total	36.46					
	B) First Floor		Qty vide Item No. 30 & 31(B)		271.01	37.53	10166.00
	Basic Rate	34.40					
	Lift Charges For First Floor	1.00					
		35.40					
	Area Weightage @ 6%	2.12					
	Total	37.52					
35	Providing Electrification including wiring switch board etc. completed	L/S					100000.00
36	Water Supply and Sanitary Charges	L/S					60000.00
37	Dismentaling of Old toilet Builng and Stair Case Grill	L/S					55000.00
38	Miscelanious and Unforgen Charges						642.47
							1980000.00

(Rupees Nineteen Lakh Eighty Thousand Only)

Administrative Sanction for Rs. 19:80 lacks only (Rs Nineteen lakhs eighty thousand only) is accorded under Head. Pmc - Demand ward works WC(o) P1771 registered as CE No. BTP/ADM/18/11-12 Subject to Conditions contained in enclosed memo No. Dt.

AEE TA SE (BTP) DCE (BTP)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2010-11
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division
Bangalore.

Executive Engineer
Bruhat Bangalore Mananagara Palike
Byatarayanapura Division
Bangalore-92

Technical Sanction for Rs. 19:80 lacks only (Rs Nineteen lakhs eighty thousand only) **under** Pmc - Demand ward works P1771 **registered as CE No.** SE/ADM/BTP/18/11-12 **Subject to Conditions** contained in enclosed memo No. Dt.

AEE TA SE DCE